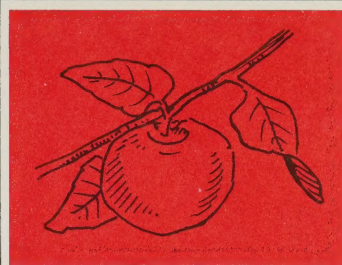


1976 FRUIT TREE CENSUS
Part III

Apples

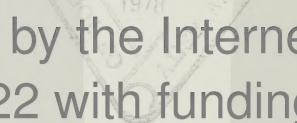



Ontario

R.G. Bennett
Deputy Minister

Ministry of
Agriculture
and Food

Hon. Bill Newman
Minister



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FOREWORD

Every five years, a fruit tree census is conducted by the extension horticulturists of the Ministry of Agriculture and Food. Such a census was conducted in 1976. N. Roller of the Economics Branch directed the tabulation of the census schedules and preparation of the statistical tables.

The results of the 1976 census are being published in three parts. This publication presents the number of apple trees reported by this census. Another publication deals with tender fruit and a third with grapes. We hope that growers will find this report of value in deciding future plantings. We hope, too, that industry personnel responsible for making crop forecasts will find this an up-to-date base for their predictions.

Throughout this report, reference is made to the 1956, 1961, 1966 and 1971 surveys. Wherever possible, the format established in 1966, and followed in 1971, is followed again in 1976, allowing for a direct comparison. In some cases, this comparison is also possible for the earlier censuses.

For purposes of this survey, Ontario is divided into the following six districts:

1. **St. Lawrence Valley** — Counties of Glengarry, Stormont, Dundas, Grenville, Leeds, and Ottawa-Carleton (Regional Municipality)
2. **Eastern Ontario** — Counties of Frontenac, Lennox and Addington, Hastings, Prince Edward, Northumberland, Peterborough, Durham (Regional Municipality), and Victoria
3. **Georgian Bay** — Counties of Simcoe, Grey, Bruce, and Dufferin
4. **Central Ontario** — Regional Municipalities of York, Peel, Halton, and Hamilton-Wentworth (north of Hwy 99)
5. **Niagara** — Regional Municipalities of Niagara, Hamilton-Wentworth (south of Hwy 99), and the former Haldimand county
6. **Southwestern Ontario** — Counties of Brant, Oxford, Perth, Wellington, Waterloo, Elgin, Middlesex, Kent, Lambton, Essex, Huron, and the former Norfolk county

Every effort was made by those involved in collecting the information to make this report as complete as possible.

The committee is satisfied that the statistics presented are a realistic picture of the apple industry in Ontario in 1976.

Appreciation is expressed to W. Wheatstone of the Ontario Apple Marketing Commission, J. T. Proctor of the Horticultural Experiment Station, Simcoe, A. Hutchinson, Horticultural Research Institute of Ontario, Vineland Station, the extension horticulturists of the Soils and Crops Branch, and the inspectors of the Ontario Ministry of Agriculture and Food and Agriculture Canada in conducting the census.

J. R. Rainforth, Chairman
Fruit Tree Census Committee

APPLE MARKETING

There has been a continuing increase in world apple production since 1971. With some small exceptions, Ontario's traditional export markets have disappeared and the home market of Ontario has come under increasing competitive pressure. Discounting the 1973 crop, crops since 1971 have averaged about 6.7 million bushels per annum, the bulk of some 95% going to the home market. Exports were principally to the United States market in the form of peeler or juice apples.

Prospects are for increased production in Ontario as young orchards planted in the late 60's and through the 70's reach maturity and full production potential. This will be the situation in the rest of the world as well. Import pressure will continue mainly from the western United States and from southern hemisphere countries with their off-season shipments of Granny Smiths.

Utilization of the Ontario crop has changed during the past five years — some 50 to 55% of the crop going to processing and the balance to the fresh market. Of this processing fruit, about 70% goes to the juice market, the balance for sauce, frozen slices, pie filling, etc. Peeler requirements for this part of the market have increased to between 900,000 to 1,000,000 bushels per annum. The marketing of the Ontario crop has been constantly monitored by the Ontario Apple Marketing Commission, the unique body that represents the total apple industry within Ontario. The Commission has maintained stability in the Ontario apple industry and has continued to maintain fresh market prices at levels higher than that of areas adjacent to Ontario.

Pick-your-own and direct sell retail operations have expanded during the period and are welcome outlets for the disposal of Ontario apples. However, the mass of Ontario apples must continue to pass through the established retail channels, that is, the large chain stores, who sell some 85% of the Ontario fresh crops.

Ontario apples are losing shelf space in the chains because of the competition of imported apples. To counter the trend, the Ontario industry will have to pack and sell only quality fruit, and back up the quality with a strong promotional effort.

Worldwide production of apples is likely to continue to increase, and many of the producing areas will maintain and expand well planned and coordinated marketing efforts in the Ontario market. To fight these efforts the Ontario industry will have to produce its best quality, then ensure its marketing organization has adequate funds to do the job necessary to secure the Ontario grower his share of the market.

THE APPLE INDUSTRY

The apple is the most widely grown and economically important fruit crop in Ontario. The number of bushels marketed, farm and unit value, and acreage of apples (1976 only) in Ontario for the years since the 1971 Fruit Tree Census are given in the following table.

Year	Acreage	Marketed Production (bushels)	Total Farm Value (dollars)	Average Farm Value (dollars per bushel)
1971	—	6,760,564	8,953,200	1.32
1972	—	6,575,471	12,340,300	1.88
1973	—	4,831,690	21,492,000	4.45
1974	—	6,609,166	20,802,000	3.15
1975	—	6,833,309	15,931,100	2.33
1976 ¹	23,600	6,074,642	24,808,400	4.08

¹ Estimate

Acreage figures in 1976 are based on growers' own estimates. With the exception of 1973, marketed production figures have been fairly constant, although average farm value has fluctuated considerably. Apple growers have been faced with increasing costs for such items as fuel and labor. Returns to the grower have not, in some years, met production costs. This resulted in Canadian apple growers receiving stabilization payments from the Canadian government for their 1975 crop. Payment was 2.1 cents per pound for fresh and peeler apples, and 0.9 cents for apples for juice or other processing. No subsidy was paid on the first 25,000 pounds and the maximum allowable amount was 750,000 pounds.

Recognizing the financial plight of the Ontario apple grower, the Ontario government set up an Apple Industry Task Force in 1976 to examine in detail all aspects of the existing apple industry in Ontario, from the production of the crop, to harvesting, marketing and final consumption. In 1977 this Task Force will make recommendations considered necessary to make apple growing in Ontario a profitable and more stable business.

This census also indicates widespread production over much of the southern part of Ontario, but with the main commercial production centered in certain well-defined areas. Although there has been some shift in relative importance of these areas, they are essentially the same as they were in 1921. Significant changes have occurred in a reduction in the number of farms producing apples, particularly in less favored areas, and in the wide use of size-controlling rootstocks.

It is of interest to compare census figures for 1921 with the survey figures for 1976. According to 1921 figures there were 4,492,672 bearing trees and 987,115 nonbearing trees in Ontario. The crop was 9,187,703 bushels and it was valued at \$6,194,254, at that time a sum more than twice the value of all other tree fruits combined.

Comparing present production with that in 1921 we find that the 5½ million trees in orchards at that time produced 9 million bushels, and that the nearly 2 million trees now in orchards produced 6 million bushels in 1976. It is obvious that today's apple grower produces far more apples per tree and acre than was produced in earlier years. Use of size-controlling rootstocks and possible further improvement in production efficiencies are factors which can contribute significantly to more competitive apple production in Ontario.

This 1976 survey shows 1,372 farms reporting apple trees on standard rootstocks in Ontario and 816 reporting apples on size-controlling rootstocks. Comparable figures for 1966 were 1,952 and 714, indicating a significant drop in farms with standard stocks. The total number of trees in these categories in 1971 and 1976 are shown in the following table.

Rootstock	1971	1976
Standard	726,184	605,490
Size-controlling	754,260	1,254,216
Total	1,480,444	1,859,706

Total tree number has increased dramatically and it has been entirely in trees on size-controlling rootstocks.

Research in orchard management is underway to determine the economics and effectiveness of all of the best known practices in complete apple production systems. All major apple growing areas of this province are included. Experiments involving size-controlling rootstocks, close spacing of trees, chemical weed control, new spur and high coloring strains, and growth regulators for inducing early bearing of trees and controlling growth are included. Results from these studies should provide improvements in apple culture which, coupled with recommendations from the Apple Industry Task Force, should provide a healthy business for Ontario apple growers.

VARIETIES

The variety pattern in Ontario apple orchards is changing. McIntosh is still the leading variety in total number of trees. However, Delicious has been in the lead in number of new trees planted on size-controlling stocks for the past 10 years and on standard rootstocks for the past 5 years. At the present time 47% of all Delicious trees in the ground are still under 6 years of age. These non bearing Delicious trees make up over 11% of all apple trees in Ontario. Delicious and McIntosh combined make up almost a million trees which is slightly more than half of the total number of trees in Ontario. It is interesting that new plantings of these two varieties in the past five years also make up just over half of the total trees being planted. The ratio of planting is Delicious: McIntosh 3:2.

The number of Spy trees (Northern and Red) has remained fairly constant at just under a quarter of a million trees. The total acreage in Spy has probably declined as standard trees have been removed and replaced by trees on size-controlled rootstocks.

When expressed as a percent of total trees on standard rootstocks, Delicious has shown an increase of 2% in spite of a decline in total numbers of standard trees of all varieties (Table III). Other varieties have shown little change in this respect on this type of stock. On size-controlled stocks, however, reductions in variety as a percent of total trees are: McIntosh 4.4% and Delicious 1.2% while increases are recorded for Spartan as 3.8% of total trees, Idared 3% and Empire over 2% (Table VIII). Although there has been a slowdown in the rate of planting Golden Delicious, its percent of total trees has remained fairly constant. An increase of more than 1% in the "other varieties" classification indicates growers' interest in some of the many new varieties, especially summer apples.

No recommendations are made in this publication on varieties to be planted. The varieties recommended for a particular grower will depend on such factors as location, climate and market outlets (see Ontario Ministry of Agriculture and Food Publication 430, *Fruit Varieties*).

APPLE TREE CENSUS

Continuing the procedure of conducting an apple tree census every 5 years, a census was conducted in the fall and winter of 1976-7. Previous censuses were conducted in 1956, 1961, 1966, and 1971. Response from growers to the questionnaires was very good and we believe the data presented here accurately represents the Ontario apple industry today.

Trees On Standard Rootstocks

The data is divided into apples on standard rootstocks and apples on size-controlling rootstocks. The section on standard rootstocks is covered in **Tables I to V** and apples on size-controlling rootstocks are reported in **Tables VI to XVII**. This section will deal with standard rootstocks.

Table I presents the number of farms reporting apples on standard rootstocks. Some 51% of all farms reporting have less than 151 trees per farm. This indicates that they are either noncommercial as an apple production unit, or they are part of a larger unit consisting of size-controlling rootstocks. The remaining 49% or 671 farms reporting may be considered commercial apple farms. The number of farms in this size range reporting apples on standard rootstocks has declined by 172 during the past 5 years. As shown by **Table IV** there has been a corresponding decrease in the number of trees. A reduction of approximately 120,000 or 17% is significant.

The initiation in 1971 of a tree removal scheme under the Capital Grants Program, warrants mentioning here. The effects of this program on tree numbers is difficult to determine accurately. Nonetheless, grants for this purpose indicate that more than 50,000 apple trees on standard rootstocks were removed during the winter of 1971-72, the first winter the program was in effect. Harvesting costs and fruit quality are two extremely important factors in apple production today and the removal of old, expensive-to-maintain trees is desirable.

Table V shows the anticipated plantings and removals during 1977 and 1978. A net reduction of 430 acres is indicated.

Table II presents the number of apple trees on standard rootstocks classified by variety and district. McIntosh, Northern Spy and Red Delicious make up 75% of the total with no other variety making up as much as 3%. This is approximately the same situation as for the 1971 census. The variety picture presented in **Table VII** on size-controlling rootstock shows a somewhat different situation. Red Delicious is the most popular variety. McIntosh is a close second and all other varieties are far back. Northern Spy, Spartan, Idared and Golden Delicious are close at from 6-9%.

Table III presents the numbers of apple trees grown on standard rootstocks in the province by variety and age groups. There are some 71,499 trees (approximately 12% of the total number) in the 1-7 year age group. This is down sharply from 145,718 trees or 20% in that category in 1971. Tree numbers in the two older age groups are down considerably from 1971. It would appear that the tree removal program has had some influence on the numbers of trees on standard rootstocks during the past 5 years.

Trees On Size-Controlling Rootstocks

Tables VI to XVII present data on the current status of the Ontario apple industry as it relates to trees on size-controlling rootstocks. It is on size-controlling rootstocks that the most significant changes and developments in the industry are taking place.

The number of trees on size-controlling rootstocks has increased from 754,260 in 1971 to 1,254,404 in 1976. Of this number, 634,993 are in the 1-5 year age group. EM26 has become the most popular of the size-controlling rootstocks with MM106 the second most popular. These two rootstocks account for approximately 50% of all trees on size-controlling rootstocks.

Table VI presents information on number of farms reporting trees on size-controlling rootstocks. The 816 reporting in this census is 72 more than reported in 1966. The number of trees per farm is significantly different, however, with a big increase in what are considered to be commercial-sized orchards, i.e. 301 trees and over. Some 489 of the farms reporting are in this category compared to 354 in 1971. The distribution of the size-controlling rootstocks within the province is indicative of the growers' concern for winter hardiness. The St. Lawrence Valley, eastern Ontario, and Georgian Bay areas have proportionately fewer farms reporting trees on size-controlling rootstocks than on standards, while, in central

Ontario, Niagara and southwestern Ontario, the opposite is true. This is even more pronounced when looking at tree numbers as presented in **Table VII**. Over 61% of the trees on standard rootstocks are in the eastern and northern apple growing areas of the province, and only 35% of the trees on size-controlling rootstocks are in the same areas. Another significant factor is the above-mentioned difference in the variety picture when comparing the standard and size-controlling rootstocks.

Table VIII shows the number of trees classified by variety and age group. More than 50% of the trees are 5 years or younger and an additional 28% are between 6 and 10 years of age. A very significant potential for increased apple production exists within the province as indicated here, and this will present a real challenge to those responsible for marketing of this commodity.

With 1,254,216 trees on size-controlling rootstocks out of a total of 1,859,706 trees, 67% of trees are on size-controlling rootstocks. In 1971, approximately 51% of the trees were on size-controlling rootstocks.

Tables VIII (A) to VIII (F) list the number of trees by variety and age group.

Table IX compares the number of trees on size-controlling rootstock for the 1956, 1961, 1966, 1971 and 1976 censuses. The more than 15-fold increase in 20 years indicates the rapid changes taking place in this industry. Also, the actual increase was greater from 1971 to 1976 than during the previous 5-year period.

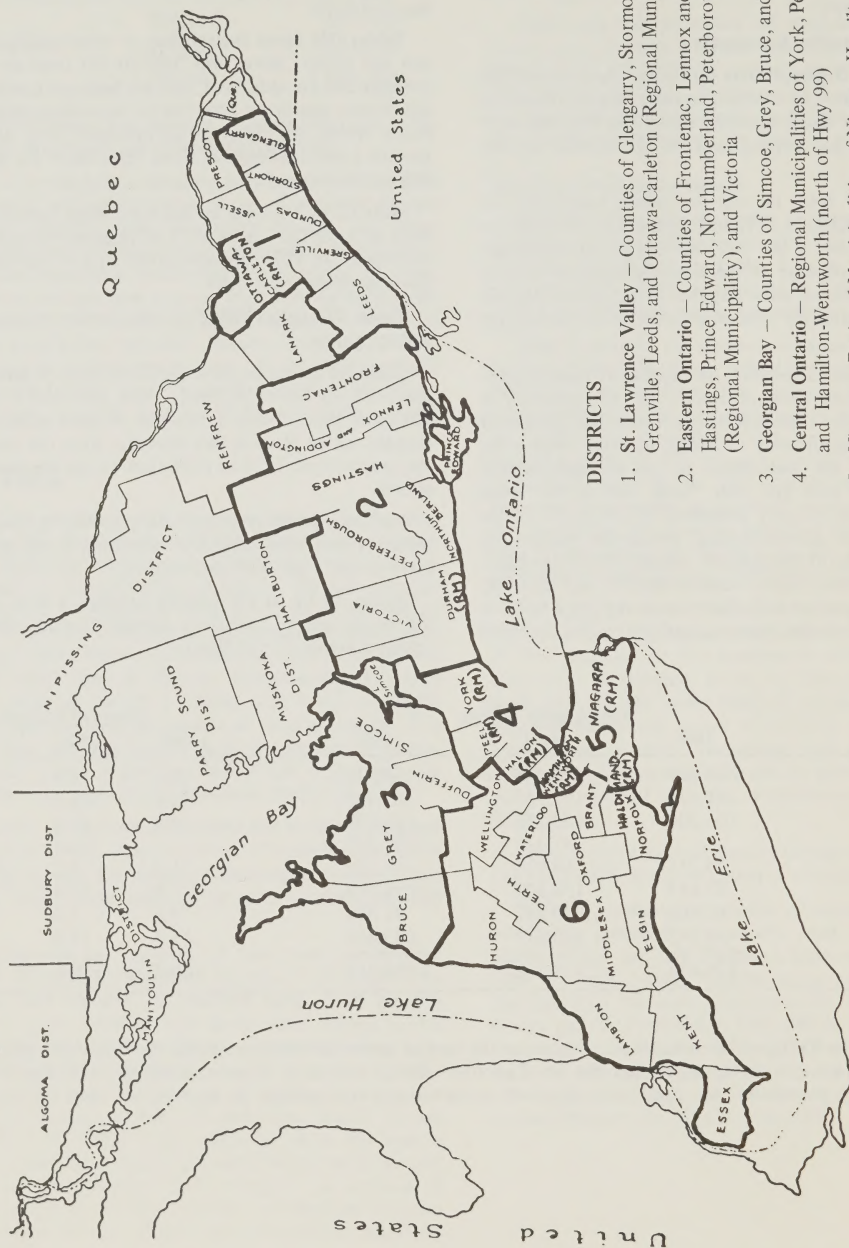
The anticipated plantings and removals shown in **Table X** indicates that this trend will continue. A net gain of 1239 acres for 1977 and 1978 is predicted.

Tables XI to XI (I) indicate density. A brief summary of the distribution of rootstocks compared to the 1966 and 1971 census is presented as follows:

Rootstock	Total Number of Trees			Percent of All Trees		
	1966	1971	1976	1966	1971	1977
EM2	68,361	66,046	64,542	16.0	8.8	5.1
EM7	142,618	199,355	265,487	33.4	26.4	21.2
EM9	101,304	146,282	142,180	23.8	19.4	11.3
EM26	—	35,371	297,425	—	4.7	23.7
MM104	4,215	16,933	11,272	1.0	2.2	0.9
MM106	29,645	136,329	298,577	7.0	18.1	23.8
MM111	15,100	33,267	41,319	3.5	4.4	3.3
Other	65,393	120,677	133,414	15.3	16.0	10.7
TOTAL	426,636	754,260	1,254,216	100.0	100.0	100.0

Tables XII to XVII give the breakdown of trees on the various size-controlling rootstocks by variety and age group. From these tables, it is apparent that the St. Lawrence district continues to be considered unsuitable for the size-controlling rootstock. All other areas share, to some extent, the increase in numbers of trees on dwarfing rootstocks.

Map of Southern Ontario



DISTRICTS

1. St. Lawrence Valley — Counties of Glengarry, Stormont, Dundas, Grenville, Leeds, and Ottawa-Carleton (Regional Municipality)
2. Eastern Ontario — Counties of Frontenac, Lennox and Addington, Hastings, Prince Edward, Northumberland, Peterborough, Durham (Regional Municipality), and Victoria
3. Georgian Bay — Counties of Simcoe, Grey, Bruce, and Dufferin
4. Central Ontario — Regional Municipalities of York, Peel, Halton, and Hamilton-Wentworth (north of Hwy 99)
5. Niagara — Regional Municipalities of Niagara, Hamilton-Wentworth (south of Hwy 99), and the former Haldimand county
6. Southwestern Ontario — Counties of Brant, Oxford, Perth, Wellington, Waterloo, Elgin, Middlesex, Kent, Lambton, Essex, Huron, and the former Norfolk county

APPLES ON STANDARD ROOTSTOCKS 1976 – TABLES I TO V

TABLE I Farms Reporting Apples on Standard Rootstocks,
Classified According to Number of Trees on Farm

Number of trees	St. Lawrence Valley	Eastern Ontario	Georgian Bay	Central Ontario	Niagara	Southwestern Ontario	Total	No. of farms in size range as a % of total
	No. farms	No. farms	No. farms	No. farms	No. farms	No. farms	No. farms	%
1 to 30	4	19	16	10	246	58	353	25.73
31 to 150	15	54	40	31	109	99	348	25.36
151 to 300	13	64	38	8	21	48	192	14.00
301 to 600	5	81	43	16	11	53	209	15.23
601 to 1,500	11	54	44	13	7	44	173	12.61
1,501 to 3,000	4	16	21	10	1	22	74	5.39
3,001 to 4,500	—	5	3	1	1	3	13	.95
4,501 & over	1	1	6	1	—	1	10	.73
TOTAL FARMS	53	294	211	90	396	328	1,372	100.00

No. of Farms in
each District as a
% of Total

3.86	21.43	15.38	6.56	28.86	23.91	100.00
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TABLE II Number of Standard Apple Trees in Ontario
Classified by Variety and District

Variety	St. Lawrence Valley	Eastern Ontario	Georgian Bay	Central Ontario	Niagara	Southwestern Ontario	Total	Variety as a % of Total Trees
Quinte	703	641	2,933	246	112	876	5,511	0.91
Lodi	196	547	4	234	244	1,700	2,925	0.48
Melba	1,364	2,629	2,288	1,516	782	2,498	11,077	1.83
Early McIntosh	262	2,516	1,518	655	2,428	2,136	9,515	1.57
Wealthy	325	1,213	1,351	2,830	476	1,523	7,718	1.28
McIntosh	21,314	73,222	75,672	18,969	6,052	47,144	242,373	40.03
Snow	163	1,847	540	476	189	1,227	4,442	0.73
Cortland	1,874	4,466	3,799	2,330	1,301	4,135	17,905	2.96
R. I. Greening	49	9,208	1,645	797	800	4,047	16,546	2.73
Delicious	177	19,748	21,272	7,742	7,323	36,832	93,094	15.38
Golden Russett	103	1,420	390	490	230	1,151	3,784	0.63
Golden Delicious	7	1,119	2,103	634	1,186	5,988	11,037	1.82
Northern Spy	53	26,359	48,489	11,425	4,163	29,172	119,661	19.76
Red Spy	8	4,167	4,203	476	1,246	3,093	13,193	2.18
Other Varieties	3,932	11,633	10,856	4,409	3,474	12,405	46,709	7.71
TOTAL	30,530	160,735	177,063	53,229	30,006	153,927	605,490	100.00

District as a %
of Total Trees

5.04	26.55	29.24	8.79	4.96	25.42	100.00
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**TABLE III Number of Standard Apple Trees in Ontario
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	2,072	2,861	450	128	5,511	0.91
Lodi	502	1,497	759	167	2,925	0.48
Melba	634	1,847	4,454	4,142	11,077	1.83
Early McIntosh	876	3,377	2,615	2,647	9,515	1.57
Wealthy	408	367	4,916	2,027	7,718	1.28
McIntosh	18,708	47,117	88,222	88,326	242,373	40.03
Snow	20	87	1,226	3,109	4,442	0.73
Cortland	984	2,750	7,661	6,510	17,905	2.96
R. I. Greening	1,348	5,775	4,150	5,273	16,546	2.73
Delicious	22,531	24,703	28,163	17,697	93,094	15.38
Golden Russett	689	568	1,057	1,470	3,784	0.63
Golden Delicious	1,991	5,286	2,621	1,139	11,037	1.82
Northern Spy	8,491	19,599	40,559	51,012	119,661	19.76
Red Spy	100	785	3,593	8,715	13,193	2.18
Other Varieties	12,145	9,017	11,649	13,898	46,709	7.71
TOTAL	71,499	125,636	202,095	206,260	605,490	100.00

Age Group as a % of Total Trees	11.81	20.75	33.38	34.06	100.00	
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**TABLE III (A) Number of Standard Apple Trees in the St. Lawrence District
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	286	270	147	—	703	2.30
Lodi	128	15	43	10	196	0.64
Melba	97	57	772	438	1,364	4.47
Early McIntosh	25	77	63	97	262	0.86
Wealthy	1	8	236	80	325	1.07
McIntosh	1,244	1,450	11,473	7,147	21,314	69.81
Snow	1	—	87	75	163	0.53
Cortland	240	89	974	571	1,874	6.14
R. I. Greening	25	—	7	17	49	0.16
Delicious	28	19	118	12	177	0.58
Golden Russett	10	—	64	29	103	0.34
Golden Delicious	—	—	3	4	7	0.02
Northern Spy	29	2	13	9	53	0.17
Red Spy	—	—	8	—	8	0.03
Other Varieties	201	335	1,347	2,049	3,932	12.88
TOTAL	2,315	2,322	15,355	10,538	30,530	100.00

Age Group as a % of Total Trees	7.58	7.61	50.29	34.52	100.00	
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**TABLE III (B) Number of Standard Apple Trees in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	393	138	96	14	641	0.40
Lodi	44	383	76	44	547	0.34
Melba	319	733	877	700	2,629	1.63
Early McIntosh	153	443	155	1,765	2,516	1.57
Wealthy	23	80	520	590	1,213	0.75
McIntosh	5,828	12,032	20,398	34,964	73,222	45.55
Snow	7	28	435	1,377	1,847	1.15
Cortland	111	335	1,508	2,512	4,466	2.78
R. I. Greening	1,286	5,023	585	2,314	9,208	5.73
Delicious	4,729	4,459	5,795	4,765	19,748	12.29
Golden Russett	67	181	299	873	1,420	0.88
Golden Delicious	171	385	282	281	1,119	0.70
Northern Spy	1,509	2,454	8,767	13,629	26,359	16.40
Red Spy	29	374	806	2,958	4,167	2.59
Other Varieties	2,458	1,792	2,675	4,708	11,633	7.24
TOTAL	17,127	28,840	43,274	71,494	160,735	100.00

Age Group as a % of Total Trees	10.66	17.94	26.92	44.48	100.00	
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**TABLE III (C) Number of Standard Apple Trees in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	989	1,675	166	103	2,933	1.66
Lodi	1	—	3	—	4	0.00
Melba	23	331	737	1,197	2,288	1.29
Early McIntosh	221	433	596	268	1,518	0.86
Wealthy	1	105	1,047	198	1,351	0.76
McIntosh	4,309	26,399	25,955	19,009	75,672	42.74
Snow	2	13	175	350	540	0.30
Cortland	184	1,355	1,609	651	3,799	2.15
R. I. Greening	—	560	802	283	1,645	0.93
Delicious	3,339	7,975	7,358	2,600	21,272	12.01
Golden Russett	275	37	35	43	390	0.22
Golden Delicious	134	1,346	237	386	2,103	1.19
Northern Spy	5,413	13,595	14,338	15,143	48,489	27.39
Red Spy	—	183	939	3,081	4,203	2.37
Other Varieties	4,060	3,559	1,396	1,841	10,856	6.13
TOTAL	18,951	57,566	55,393	45,153	177,063	100.00

Age Group as a % of Total Trees	10.70	32.51	31.29	25.50	100.00	
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**TABLE III (D) Number of Standard Apple Trees in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	132	112	—	2	246	0.46
Lodi	2	32	163	37	234	0.44
Melba	77	171	853	415	1,516	2.85
Early McIntosh	145	18	411	81	655	1.23
Wealthy	356	80	1,863	531	2,830	5.32
McIntosh	719	666	12,221	5,363	18,969	35.64
Snow	3	—	202	271	476	0.89
Cortland	250	148	1,231	701	2,330	4.38
R. I. Greening	20	—	457	320	797	1.50
Delicious	540	1,055	4,223	1,924	7,742	14.55
Golden Russett	64	72	302	52	490	0.92
Golden Delicious	284	100	228	22	634	1.19
Northern Spy	702	661	5,568	4,494	11,425	21.46
Red Spy	—	—	214	262	476	0.89
Other Varieties	390	280	2,057	1,682	4,409	8.28
TOTAL	3,684	3,395	29,993	16,157	53,229	100.00
Age Group as a % of Total Trees	6.92	6.38	56.35	30.35	100.00	

**TABLE III (E) Number of Standard Apple Trees in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	40	66	2	4	112	0.37
Lodi	13	177	38	16	244	0.81
Melba	82	96	380	224	782	2.61
Early McIntosh	101	1,975	168	184	2,428	8.09
Wealthy	15	48	285	128	476	1.59
McIntosh	623	825	2,176	2,428	6,052	20.17
Snow	4	19	98	68	189	0.63
Cortland	121	408	455	317	1,301	4.34
R. I. Greening	7	132	226	435	800	2.67
Delicious	1,156	2,849	2,151	1,167	7,323	24.40
Golden Russett	114	66	36	14	230	0.77
Golden Delicious	493	456	205	32	1,186	3.95
Northern Spy	335	759	1,793	1,276	4,163	13.87
Red Spy	64	88	356	738	1,246	4.15
Other Varieties	940	1,163	460	911	3,474	11.58
TOTAL	4,108	9,127	8,829	7,942	30,006	100.00
Age Group as a % of Total Trees	13.69	30.42	29.42	26.47	100.00	

**TABLE III (F) Number of Standard Apple Trees in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 7 yrs	8 to 15 yrs	16 to 30 yrs	31 yrs & over	Total	Variety as a % of Total Trees
Quinte	232	600	39	5	876	0.57
Lodi	314	890	436	60	1,700	1.10
Melba	36	459	835	1,168	2,498	1.62
Early McIntosh	231	431	1,222	252	2,136	1.39
Wealthy	12	46	965	500	1,523	0.99
McIntosh	5,985	5,745	15,999	19,415	47,144	30.63
Snow	3	27	229	968	1,227	0.80
Cortland	78	415	1,884	1,758	4,135	2.68
R. I. Greening	10	60	2,073	1,904	4,047	2.63
Delicious	12,739	8,346	8,518	7,229	36,832	23.93
Golden Russett	159	212	321	459	1,151	0.75
Golden Delicious	909	2,999	1,666	414	5,988	3.89
Northern Spy	503	2,128	10,080	16,461	29,172	18.95
Red Spy	7	140	1,270	1,676	3,093	2.01
Other Varieties	4,096	1,888	3,714	2,707	12,405	8.06
TOTAL	25,314	24,386	49,251	54,976	153,927	100.00
Age Group as a % of Total Trees	16.44	15.84	32.00	35.72	100.00	

**TABLE IV Number of Standard Apple Trees in Ontario
Reported in the 1976, 1971, 1966, 1961 and 1956 Surveys**

Variety	1956	1961	1966	1971	1976	1976 as a % of 1971
Quinte	*	*	1,664	5,488	5,511	100.42
Lodi	*	1,923	2,223	3,075	2,925	95.12
Melba	18,101	18,780	15,737	14,032	11,077	78.94
Early McIntosh	9,147	12,919	9,544	13,332	9,515	71.37
Wealthy	26,939	22,908	15,494	12,129	7,718	63.63
McIntosh	290,855	291,552	294,853	288,030	242,373	84.15
Snow	21,242	17,217	12,033	8,616	4,442	51.56
Cortland	26,746	27,447	24,735	22,190	17,905	80.69
R. I. Greening	33,907	24,933	24,181	22,695	16,546	72.91
Delicious	82,915	87,100	85,485	97,296	93,094	95.68
Golden Russett	*	4,420	3,724	5,620	3,784	67.33
Golden Delicious	*	7,295	10,508	11,422	11,037	96.63
Northern Spy	173,631	174,688	157,212	142,190	119,661	84.16
Red Spy	26,809	28,978	25,459	22,314	13,193	59.12
Other Varieties	136,019	111,154	65,940	57,755	46,709	80.87
TOTAL	846,311	831,314	748,792	726,184	605,490	83.38

*Included in "Other Varieties"

TABLE V Anticipated Plantings and Removals of Standard Apple Trees During 1977 and 1978

District	Anticipated Plantings				Anticipated Removals			
	1977		1978		1977		1978	
	No. acres	No. farms	No. acres	No. farms	No. acres	No. farms	No. acres	No. farms
Southwestern Ontario	16.4	12	8.5	5	76.2	23	107.0	22
Niagara	17.5	8	6.5	4	17.2	5	14.0	3
Central Ontario	—	—	5.0	1	13.0	4	14.5	4
Georgian Bay	32.2	11	26.5	6	92.2	20	75.0	15
Eastern Ontario	33.0	15	33.7	6	139.5	39	50.8	15
St. Lawrence Valley	8.2	5	5.5	4	13.0	5	11.0	3
TOTAL PROVINCE	107.3	51	85.7	26	351.1	96	272.3	62

APPLES ON SIZE-CONTROLLING ROOTSTOCKS 1976 – TABLES VI TO XVII (G)

TABLE VI Number of Farms Reporting Apples on Size-Controlling Rootstocks
Classified According to Number of Trees on Farm

Number of Trees	St. Lawrence Valley	Eastern Ontario	Georgian Bay	Central Ontario	Niagara	Southwestern Ontario	Total	No. of farms in each size as a % of total
	No. farms	No. farms	No. farms	No. farms	No. farms	No. farms	No. farms	%
1 to 30	1	8	5	5	46	19	84	10.29
31 to 150	3	23	11	9	64	33	143	17.52
151 to 300	2	22	16	8	25	27	100	12.26
301 to 600	—	26	10	7	30	43	116	14.22
601 to 1,500	1	39	28	15	28	54	165	20.22
1,501 to 3,000	1	10	25	18	11	39	104	12.75
3,001 to 4,500	1	11	7	9	—	12	40	4.90
4,501 & over	1	14	7	10	2	30	64	7.84
TOTAL FARMS	10	153	109	81	206	257	816	100.00

No. of Farms in each District as a % of Total	1.23	18.75	13.36	9.93	25.24	31.49	100.00
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TABLE VII Number of Apple Trees on Size-Controlling Rootstocks in Ontario
Classified by Variety and District

Variety	St. Lawrence Valley	Eastern Ontario	Georgian Bay	Central Ontario	Niagara	Southwestern Ontario	Total	Variety as a % of Total Trees
Melba	20	3,543	4,652	3,827	962	6,669	19,673	1.57
Early McIntosh	—	2,874	4,159	3,494	679	3,116	14,322	1.14
McIntosh	8,381	81,436	51,738	53,867	13,715	105,391	314,528	25.08
Spartan	1,400	18,073	14,249	10,124	6,251	22,669	72,766	5.80
Cortland	935	3,044	3,379	5,013	2,951	3,929	19,251	1.53
Empire	1,515	9,503	498	2,710	1,708	14,953	30,887	2.46
Delicious	4	64,100	33,434	59,377	43,694	149,027	349,636	27.88
Idared	100	20,544	5,453	5,614	5,072	47,399	84,182	6.71
Golden Delicious	—	2,619	4,891	16,227	11,005	36,641	71,383	5.69
Northern Spy	—	19,372	32,499	16,624	6,926	39,781	115,202	9.19
Other Varieties	1,702	25,252	20,263	28,756	9,835	76,578	162,386	12.95
TOTAL	14,057	250,360	175,215	205,633	102,798	506,153	1,254,216	100.00

District as a % of Total Trees	1.12	19.96	13.97	16.39	8.20	40.36	100.00
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**TABLE VIII Number of Apple Trees on Size-Controlling Rootstocks in Ontario
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	8,240	5,182	3,195	3,056	19,673	1.57
Early McIntosh	6,061	4,091	2,902	1,268	14,322	1.14
McIntosh	125,796	89,918	62,721	36,093	314,528	25.08
Spartan	51,349	18,247	2,830	340	72,766	5.80
Cortland	10,341	5,038	2,014	1,858	19,251	1.53
Empire	27,086	1,951	295	1,555	30,887	2.46
Delicious	186,644	92,007	50,781	20,204	349,636	27.88
Idared	55,503	24,383	2,479	1,817	84,182	6.71
Golden Delicious	20,955	29,165	17,166	4,097	71,383	5.69
Northern Spy	47,311	38,587	17,157	12,147	115,202	9.19
Other Varieties	95,707	42,196	17,106	7,377	162,386	12.95
TOTAL	634,993	350,765	178,646	89,812	1,254,216	100.00
Age Group as a % of Total Trees	50.63	27.97	14.24	7.16	100.00	

**TABLE VIII (A) Number of Apple Trees on Size-Controlling Rootstocks in the St. Lawrence District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	10	10	—	—	20	0.14
Early McIntosh	—	—	—	—	—	—
McIntosh	6,871	1,210	300	—	8,381	59.62
Spartan	1,160	240	—	—	1,400	9.96
Cortland	935	—	—	—	935	6.65
Empire	1,515	—	—	—	1,515	10.78
Delicious	4	—	—	—	4	0.03
Idared	100	—	—	—	100	0.71
Golden Delicious	—	—	—	—	—	—
Northern Spy	—	—	—	—	—	—
Other Varieties	1,692	10	—	—	1,702	12.11
TOTAL	12,287	1,470	300	—	14,057	100.00
Age Group as a % of Total Trees	87.41	10.46	2.13	—	100.00	

**TABLE VIII (B) Number of Apple Trees on Size-Controlling Rootstocks in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	1,107	866	461	1,109	3,543	1.41
Early McIntosh	1,611	625	195	443	2,874	1.15
McIntosh	39,950	16,491	11,972	13,023	81,436	32.53
Spartan	15,561	2,462	-	50	18,073	7.22
Cortland	1,814	478	512	240	3,044	1.21
Empire	7,907	41	-	1,555	9,503	3.79
Delicious	41,869	12,097	5,337	4,797	64,100	25.60
Idared	16,687	3,857	-	-	20,544	8.21
Golden Delicious	1,538	502	190	389	2,619	1.05
Northern Spy	10,693	3,462	1,343	3,874	19,372	7.74
Other Varieties	16,819	4,374	3,349	710	25,252	10.09
TOTAL	155,556	45,255	23,359	26,190	250,360	100.00
Age Group as a % of Total Trees	62.13	18.08	9.33	10.46	100.00	

**TABLE VIII (C) Number of Apple Trees on Size-Controlling Rootstocks in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	1,019	745	748	1,315	3,827	1.86
Early McIntosh	1,402	987	729	376	3,494	1.70
McIntosh	10,982	14,835	19,923	8,127	53,867	26.20
Spartan	2,669	5,191	2,224	40	10,124	4.92
Cortland	1,918	816	1,187	1,092	5,013	2.44
Empire	2,315	200	195	-	2,710	1.32
Delicious	25,180	10,786	18,545	4,866	59,377	28.88
Idared	3,263	2,351	-	-	5,614	2.73
Golden Delicious	4,568	2,518	8,909	232	16,227	7.89
Northern Spy	8,173	3,656	3,107	1,688	16,624	8.08
Other Varieties	19,342	5,548	2,456	1,410	28,756	13.98
TOTAL	80,831	47,633	58,023	19,146	205,633	100.00
Age Group as a % of Total Trees	39.31	23.16	28.22	9.31	100.00	

**TABLE VIII (D) Number of Apple Trees on Size-Controlling Rootstocks in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 & over	Total	Variety as a % of Total Trees
Melba	3,621	131	900	—	4,652	2.66
Early McIntosh	2,261	468	1,430	—	4,159	2.37
McIntosh	21,820	10,404	14,077	5,437	51,738	29.53
Spartan	12,831	1,243	25	150	14,249	8.13
Cortland	1,266	1,774	89	250	3,379	1.93
Empire	498	—	—	—	498	0.28
Delicious	22,293	3,045	7,328	768	33,434	19.08
Idared	4,478	425	500	50	5,453	3.11
Golden Delicious	1,162	3,357	272	100	4,891	2.79
Northern Spy	12,684	9,565	6,385	3,865	32,499	18.55
Other Varieties	10,042	5,666	2,930	1,625	20,263	11.57
TOTAL	92,956	36,078	33,936	12,245	175,215	100.00
Age Group as a % of Total Trees	53.05	20.59	19.37	6.99	100.00	

**TABLE VIII (E) Number of Apple Trees on Size-Controlling Rootstocks in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	375	516	67	4	962	0.94
Early McIntosh	188	452	39	—	679	0.66
McIntosh	5,117	6,013	1,733	852	13,715	13.34
Spartan	4,507	1,597	47	100	6,251	6.08
Cortland	1,654	1,050	141	106	2,951	2.87
Empire	1,608	100	—	—	1,708	1.66
Delicious	22,739	15,194	5,245	516	43,694	42.50
Idared	3,467	1,469	136	—	5,072	4.93
Golden Delicious	4,173	5,663	422	747	11,005	10.71
Northern Spy	1,920	3,509	951	546	6,926	6.74
Other Varieties	4,661	4,384	614	176	9,835	9.57
TOTAL	50,409	39,947	9,395	3,047	102,798	100.00
Age Group as a % of Total Trees	49.04	38.86	9.14	2.96	100.00	

TABLE VIII (F) Number of Apple Trees on Size-Controlling Rootstocks in the Southwestern Ontario District Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	2,108	2,914	1,019	628	6,669	1.32
Early McIntosh	599	1,559	509	449	3,116	0.62
McIntosh	41,056	40,965	14,716	8,654	105,391	20.82
Spartan	14,621	7,514	534	—	22,669	4.48
Cortland	2,754	920	85	170	3,929	0.78
Empire	13,243	1,610	100	—	14,953	2.95
Delicious	74,559	50,885	14,326	9,257	149,027	29.44
Idared	27,508	16,281	1,843	1,767	47,399	9.36
Golden Delicious	9,514	17,125	7,373	2,629	36,641	7.24
Northern Spy	13,841	18,395	5,371	2,174	39,781	7.86
Other Varieties	43,151	22,214	7,757	3,456	76,578	15.13
TOTAL	242,954	180,382	53,633	29,184	506,153	100.00
Age Group as a % of Total Trees	48.00	35.64	10.60	5.76	100.00	

TABLE IX Number of Apple Trees on Size-Controlling Rootstocks in Ontario Reported in the 1976, 1971, 1966, 1961 and 1956 Surveys

Variety	1956	1961	1966	1971	1976	1976 as a % of 1971
Melba	1,678	8,267	10,825	14,934	19,673	131.73
Early McIntosh	2,675	13,039	10,307	11,575	14,322	123.73
McIntosh	23,873	87,296	145,646	229,960	314,528	136.78
Spartan	*	*	*	*	72,766	—
Cortland	1,868	5,062	6,570	11,037	19,251	174.42
Empire	*	*	*	*	30,887	—
Delicious	20,851	74,102	103,166	218,877	349,636	159.74
Idared	*	*	*	*	84,182	—
Golden Delicious	1,380	11,832	33,891	50,015	71,383	142.72
Northern Spy	10,044	36,623	57,421	81,651	115,202	141.09
Other Varieties	9,979	36,398	58,810	136,211	162,386	119.22
TOTAL	72,348	272,619	426,636	754,260	1,254,216	166.28

*Included in "Other Varieties"

TABLE X Anticipated Plantings and Removals of Apple Trees on Size-Controlling Rootstocks During 1977 and 1978

District	Anticipated Plantings				Anticipated Removals			
	1977		1978		1977		1978	
	No. acres	No. farms	No. acres	No. farms	No. acres	No. farms	No. acres	No. farms
Southwestern Ontario	255.9	60	244.5	37	9.2	5	13.0	4
Niagara	51.0	25	31.8	15	—	—	—	—
Central Ontario	60.0	19	62.5	9	1.7	3	7.0	2
Georgian Bay	154.5	22	148.5	17	10.0	4	4.5	2
Eastern Ontario	170.0	40	119.8	23	11.8	4	20.3	4
St. Lawrence Valley	17.0	4	3.0	1	—	—	—	—
TOTAL PROVINCE:	708.4	170	610.1	102	32.7	16	44.8	12

TABLE XI (A) Number of Apple Trees on EM 2 Rootstock in Ontario
Classified by Variety, Age Group, and Density* of Planting

	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
Variety	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	18	466	—	—	166	—	250	60	—	115	400	—	1,475	2.29
Early McIntosh	—	1,267	—	—	143	—	—	39	—	—	140	—	1,589	2.46
McIntosh	—	1,507	—	30	5,219	680	1,037	5,604	345	4,606	1,447	2,400	22,875	35.44
Spartan	—	83	—	—	396	160	—	40	150	—	100	—	929	1.44
Cortland	—	52	—	40	446	340	—	179	—	60	230	—	1,347	2.09
Empire	48	—	—	—	—	—	—	—	—	—	—	—	48	.07
Delicious	51	1,108	170	871	4,409	503	809	2,751	1,237	1,235	2,200	460	15,804	24.49
Idared	—	451	225	1	2,828	130	7	781	—	—	852	—	5,275	8.17
Golden Delicious	—	40	680	356	612	170	—	170	—	75	580	—	2,683	4.16
Northern Spy	400	100	—	70	3,337	288	41	2,507	—	695	580	—	8,018	12.42
Other Varieties	125	576	—	185	2,052	—	15	1,037	104	50	355	—	4,499	6.97
TOTAL	642	5,650	1,075	1,553	19,608	2,271	2,159	13,168	1,836	6,836	6,884	2,860	64,542	100.00
Age Group as a % of Total Trees	.99	8.75	1.67	2.41	30.38	3.52	3.35	20.40	2.84	10.59	10.67	4.43	100.00	

*Low Density — 60 trees and under
Medium Density — 61 to 200 trees
High Density — 201 trees and over

TABLE XI (B) Number of Apple Trees on EM 7 Rootstock in Ontario
Classified by Variety, Age Group, and Density* of Planting

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	3	663	981	38	619	571	—	1,777	60	100	846	—	5,658	2.13
Early McIntosh	9	295	310	65	1,099	21	10	1,810	140	—	699	—	4,458	1.68
McIntosh	84	5,305	2,119	301	20,184	1,718	665	24,062	2,980	2,410	13,768	—	73,596	27.72
Spartan	26	2,761	1,286	—	4,989	390	102	833	25	—	40	—	10,452	3.94
Cortland	55	757	462	51	2,117	701	29	951	—	120	750	—	5,993	2.26
Empire	65	266	—	9	300	200	—	—	—	—	—	—	840	0.31
Delicious	189	16,614	8,075	721	15,127	4,495	654	19,631	1,646	600	7,001	—	74,753	28.16
Idared	109	2,220	4,026	63	2,538	980	—	1,019	—	—	600	—	11,555	4.35
Golden Delicious	86	2,850	427	135	6,768	1,441	—	6,501	2,780	115	1,493	—	22,596	8.51
Northern Spy	143	3,007	1,206	350	4,289	336	393	6,828	1,365	280	8,430	—	26,627	10.03
Other Varieties	204	5,689	3,247	240	8,824	1,186	280	7,025	150	543	1,571	—	28,959	10.91
TOTAL	973	40,427	22,139	1,973	66,854	12,039	2,133	70,437	9,146	4,168	35,198	—	265,487	100.00
Age Group as a % of Total Trees	0.37	15.23	8.34	0.74	25.18	4.53	0.80	26.53	3.45	1.57	13.26	—	100.00	

*Low Density — 60 trees and under
Medium Density — 61 to 200 trees
High Density — 201 trees and over

TABLE XI (C) Number of Apple Trees on EM 9 Rootstock in Ontario
Classified by Variety, Age Group, and Density* of Planting

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	—	30	274	1	194	1,855	—	24	800	—	558	993	4,729	3.33
Early McIntosh	—	—	120	—	35	612	—	—	130	30	—	360	1,287	.91
McIntosh	220	270	5,671	75	550	7,508	—	1,393	9,142	—	1,620	5,702	32,151	22.61
Spartan	—	160	4,031	—	—	1,810	—	—	1,630	—	—	—	7,631	5.37
Cortland	25	—	550	—	—	123	—	—	538	—	310	355	1,901	1.34
Empire	—	520	626	—	—	—	—	—	195	—	—	1,555	2,896	2.04
Delicious	15	2,251	18,810	6	767	9,672	75	1,990	5,686	—	1,420	3,954	44,646	31.40
Idared	280	205	439	—	—	300	—	26	—	—	—	—	1,250	.88
Golden Delicious	—	180	2,374	19	259	9,657	—	—	5,005	—	—	102	17,596	12.38
Northern Spy	—	515	5,591	—	305	8,025	—	210	2,120	—	95	981	17,842	12.55
Other Varieties	—	1,284	1,871	—	30	3,618	—	150	1,430	—	859	1,009	10,251	7.21
TOTAL	540	5,415	40,357	101	2,140	43,180	75	3,793	26,676	30	4,862	15,011	142,180	100.00
Age Group as a % of Total Trees	.38	3.81	28.38	.07	1.51	30.37	.05	2.67	18.76	.02	3.42	10.56		

*Low Density — 60 trees and under
Medium Density— 61 to 200 trees
High Density — 201 trees and over

TABLE XI (D) Number of Apple Trees on EM 26 Rootstock in Ontario
Classified by Variety, Age Group, and Density* of Planting

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	—	300	4,362	—	225	615	—	—	—	—	—	—	5,502	1.85
Early McIntosh	—	551	884	—	300	—	—	—	—	—	—	—	1,735	0.58
McIntosh	28	16,183	43,450	25	2,141	1,873	—	—	—	—	—	—	63,700	21.42
Spartan	1	5,324	21,775	—	125	1,478	—	—	—	—	—	—	28,703	9.65
Cortland	2	364	4,033	—	10	14	—	—	—	—	—	—	4,423	1.49
Empire	—	5,198	10,719	—	—	31	—	—	—	—	—	—	15,948	5.36
Delicious	54	21,783	42,463	75	4,004	6,950	—	—	—	—	—	—	75,329	25.33
Idared	3	7,179	14,999	—	1,029	—	—	—	—	—	—	—	23,210	7.80
Golden Delicious	3	1,401	4,847	—	21	467	—	—	—	—	—	—	6,739	2.27
Northern Spy	18	8,804	14,037	—	305	316	—	—	200	—	—	—	23,680	7.96
Other Varieties	10	12,957	31,919	—	727	2,275	—	250	318	—	—	—	48,456	16.29
TOTAL	119	80,044	193,488	100	8,887	14,019	—	250	518	—	—	—	297,425	100.00
Age Group as a % of Total Trees	0.04	26.91	65.06	0.03	2.99	4.71	—	0.08	0.18	—	—	—	100.00	

*Low Density — 60 trees and under
Medium Density— 61 to 200 trees
High Density — 201 trees and over

**TABLE XI (E) Number of Apple Trees on MM 104 Rootstock in Ontario
Classified by Variety, Age Group, and Density* of Planting**

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	—	35	—	—	180	—	—	—	—	—	—	—	215	1.91
Early McIntosh	—	—	—	200	74	—	—	—	—	—	—	—	274	2.43
McIntosh	—	128	—	—	575	—	—	—	—	—	—	—	703	6.24
Spartan	—	140	—	—	1,084	—	—	—	—	—	—	—	1,224	10.86
Cortland	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Empire	—	170	—	—	60	—	—	—	—	—	—	—	230	2.04
Delicious	—	268	—	200	1,954	527	—	641	—	—	284	—	3,874	34.37
Idared	—	84	—	—	2,161	—	—	12	—	—	—	—	2,257	20.02
Golden Delicious	—	9	—	200	283	—	—	45	—	—	—	—	537	4.76
Northern Spy	—	2	—	—	633	—	—	—	—	—	—	—	635	5.63
Other Varieties	—	80	50	25	1,168	—	—	—	—	—	—	—	1,323	11.74
TOTAL	—	916	50	625	8,172	527	—	698	—	—	284	—	11,272	100.00
Age Group as a % of Total Trees		8.13	.44	5.54	72.50	4.68	—	6.19			2.52			

*Low Density — 60 trees and under
Medium Density — 61 to 200 trees
High Density — 201 trees and over

**TABLE XI (F) Number of Apple Trees on MM 106 Rootstock in Ontario
Classified by Variety, Age Group, and Density* of Planting**

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	96	189	424	28	234	—	—	90	—	—	—	—	1,061	.36
Early McIntosh	—	503	900	86	534	—	—	450	—	—	—	—	2,473	.83
McIntosh	840	22,722	12,037	537	30,897	6,597	11	7,261	3,380	14	2,394	—	86,690	29.03
Spartan	88	9,867	806	—	4,143	1,770	—	—	—	—	150	—	16,824	5.63
Cortland	62	1,875	676	—	727	160	—	—	—	—	—	—	3,500	1.17
Empire	—	6,008	1,209	—	1,091	—	—	—	—	—	—	—	8,308	2.78
Delicious	1,224	43,026	5,571	129	24,637	4,238	51	4,842	1,930	—	206	—	85,854	28.75
Idared	1,149	10,378	5,057	18	5,600	846	—	111	—	—	150	—	23,309	7.81
Golden Delicious	16	2,058	727	24	944	828	—	670	—	6	250	—	5,523	1.85
Northern Spy	111	7,624	823	116	14,642	2,149	40	1,758	—	—	—	—	27,263	9.13
Other Varieties	399	20,664	5,038	182	9,418	205	—	451	340	—	1,075	—	37,772	12.65
TOTAL	3,985	124,914	33,268	1,120	92,867	16,793	102	15,633	5,650	20	4,225	—	298,577	100.00
Age Group as a % of Total Trees	1.33	41.84	11.14	.38	31.10	5.62	.03	5.24	1.89	.01	1.42			

*Low Density — 60 trees and under
Medium Density — 61 to 200 trees
High Density — 201 trees and over

TABLE XI (G) Number of Apple Trees on MM 111 Rootstock in Ontario
Classified by Variety, Age Group and Density* of Planting

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	—	—	100	—	—	—	—	—	—	—	—	—	100	.24
Early McIntosh	—	41	—	—	60	—	—	—	—	—	—	—	101	.24
McIntosh	—	2,655	164	—	1,925	350	126	13	—	—	—	—	5,233	12.66
Spartan	—	372	64	—	941	—	—	—	—	—	—	—	1,377	3.33
Cortland	—	21	11	—	24	—	—	—	—	—	—	—	56	.14
Empire	—	302	11	—	25	—	—	—	—	—	—	—	338	.82
Delicious	—	3,138	3,447	—	3,058	708	38	360	—	—	—	—	10,749	26.01
Idared	—	5,535	850	—	5,734	325	—	—	—	—	—	—	12,444	30.12
Golden Delicious	—	502	1,480	—	436	2,200	—	—	—	—	—	—	4,618	11.18
Northern Spy	—	917	150	100	313	—	76	—	—	—	—	—	1,556	3.77
Other Varieties	13	1,527	687	704	1,349	426	—	41	—	—	—	—	4,747	11.49
TOTAL	13	15,010	6,964	804	13,865	4,009	240	414	—	—	—	—	41,319	100.00
Age Group as a % of Total Trees	.03	36.33	16.85	1.95	33.56	9.70	.58	1.00	—	—	—	—	—	—
*Low Density	—	60 trees and under												
Medium Density	—	61 to 200 trees												
High Density	—	201 trees and over												

TABLE XI (H) Number of Apple Trees on Other Rootstocks in Ontario
Classified by Variety, Age Group, and Density* of Planting

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	64	135	100	37	417	2	12	114	8	2	40	2	933	0.70
Early McIntosh	792	354	35	212	574	76	8	315	—	—	35	4	2,405	1.80
McIntosh	412	3,593	8,408	1,198	5,665	1,870	701	4,051	1,950	256	1,470	6	29,580	22.17
Spartan	229	1,241	3,095	89	702	170	—	50	—	—	50	—	5,626	4.22
Cortland	10	746	640	23	142	120	—	67	250	31	—	2	2,031	1.52
Empire	6	1,538	400	—	210	25	—	100	—	—	—	—	2,279	1.71
Delicious	849	9,606	7,932	1,578	6,541	837	734	7,593	113	15	2,825	4	38,627	28.95
Idared	151	1,419	744	—	1,565	265	10	513	—	—	215	—	4,882	3.67
Golden Delicious	228	1,921	1,126	159	3,293	893	76	1,871	48	2	1,472	2	11,091	8.31
Northern Spy	370	2,333	1,160	205	2,296	512	577	947	95	406	678	2	9,581	7.18
Other Varieties	907	6,140	2,320	264	8,025	1,293	1,483	3,377	655	1,027	885	3	26,379	19.77
TOTAL	4,018	29,026	25,960	3,765	29,430	6,063	3,601	18,998	3,119	1,739	7,670	25	133,414	100.00
Age Group as a % of Total Trees	3.01	21.76	19.46	2.82	22.06	4.54	2.70	14.24	2.34	1.30	5.75	0.02	100.00	
*Low Density — 60 trees and under Medium Density— 61 to 200 trees High Density — 201 trees and over														

TABLE XI (I) Number of Apple Trees on Size-Controlling Rootstocks in Ontario
Classified by Variety, Age Group, and Density* of Planting

Variety	1 to 5 years			6 to 10 years			11 to 16 years			17 years & over			Total	Variety as a % of Total Trees
	density			density			density			density				
	low	med	high	low	med	high	low	med	high	low	med	high		
Melba	181	1,818	6,241	104	2,035	3,043	262	2,065	868	217	1,844	995	19,673	1.57
Early McIntosh	801	3,011	2,249	563	2,819	709	18	2,614	270	30	874	364	14,322	1.14
McIntosh	1,584	52,363	71,849	2,166	67,156	20,596	2,540	42,384	17,797	7,286	20,699	8,108	314,528	25.08
Spartan	344	19,948	31,057	89	12,380	5,778	102	923	1,805	—	340	—	72,766	5.80
Cortland	154	3,815	6,372	114	3,466	1,458	29	1,197	788	211	1,290	357	19,251	1.53
Empire	119	14,002	12,965	9	1,686	256	—	100	195	—	—	1,555	30,887	2.46
Delicious	2,382	97,794	86,468	3,580	60,497	27,930	2,361	37,808	10,612	1,850	13,936	4,418	349,636	27.88
Idared	1,692	27,471	26,340	82	21,455	2,846	17	2,462	—	—	1,817	—	84,182	6.71
Golden Delicious	333	8,961	11,661	893	12,616	15,656	76	9,257	7,833	198	3,795	104	71,383	5.69
Northern Spy	1,042	23,302	22,967	841	26,120	11,626	1,127	12,250	3,780	1,381	9,783	983	115,202	9.19
Other Varieties	1,658	48,917	45,132	1,600	31,593	9,003	1,778	12,331	2,997	1,620	4,745	1,012	162,386	12.95
TOTAL	10,290	301,402	323,301	10,041	241,823	98,901	8,310	123,391	46,945	12,793	59,123	17,896	1,254,216	100.00
Age Group as a % of Total Trees	0.82	24.03	25.78	0.80	19.28	7.89	0.66	9.84	3.74	1.02	4.71	1.43	100.00	

*Low Density — 60 trees and under
Medium Density — 61 to 200 trees
High Density — 201 trees and over

TABLE XII Number of Apple Trees on EM 7 Rootstock in the St. Lawrence District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	10	—	—	10	1.77
McIntosh	5	10	300	—	315	55.75
Spartan	40	40	—	—	80	14.16
Other Varieties	<u>150</u>	<u>10</u>	<u>—</u>	<u>—</u>	<u>160</u>	<u>28.32</u>
TOTAL	195	70	300	—	565	100.00
Age Group as a % of Total Trees	34.51	12.39	53.10	—	100.00	

TABLE XII (A) Number of Apple Trees on EM 26 Rootstock in the St. Lawrence District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	10	—	—	—	10	0.15
McIntosh	3,500	—	—	—	3,500	52.10
Spartan	900	—	—	—	900	13.40
Cortland	220	—	—	—	220	3.27
Empire	891	—	—	—	891	13.26
Delicious	4	—	—	—	4	0.06
Other Varieties	<u>1,193</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>1,193</u>	<u>17.76</u>
TOTAL	6,718	—	—	—	6,718	100.00
Age Group as a % of Total Trees	100.00	—	—	—	100.00	

**TABLE XII (B) Number of Apple Trees on MM 106 Rootstock in the St. Lawrence District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
McIntosh	3,366	1,000	—	—	4,366	66.55
Spartan	220	200	—	—	420	6.40
Cortland	715	—	—	—	715	10.90
Empire	624	—	—	—	624	9.51
Idared	100	—	—	—	100	1.52
Other Varieties	336	—	—	—	336	5.12
TOTAL	5,361	1,200	—	—	6,561	100.00
Age Group as a % of Total Trees	81.71	18.29	—	—	100.00	

**TABLE XII (C) Number of Apple Trees on Other Rootstocks in the St. Lawrence District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
McIntosh	—	200	—	—	200	93.90
Other Varieties	13	—	—	—	13	6.10
TOTAL	13	200	—	—	213	100.00
Age Group as a % of Total Trees	6.10	93.90	—	—	100.00	

**TABLE XIII Number of Apple Trees on EM 2 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	—	—	505	505	13.01
McIntosh	—	347	236	587	1,170	30.14
Spartan	—	38	—	—	38	0.98
Cortland	—	46	—	50	96	2.47
Delicious	—	48	590	100	738	19.01
Idared	—	620	—	—	620	15.97
Northern Spy	—	85	—	505	590	15.20
Other Varieties	—	—	—	125	125	3.22
TOTAL	—	1,184	826	1,872	3,882	100.00
Age Group as a % of Total Trees	—	30.50	21.28	48.22	100.00	

**TABLE XIII (A) Number of Apple Trees on EM 7 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	306	275	444	91	1,116	2.51
Early McIntosh	—	20	195	413	628	1.41
McIntosh	1,862	3,009	6,720	6,367	17,958	40.48
Spartan	1,184	145	—	—	1,329	3.00
Cortland	289	243	262	190	984	2.22
Delicious	1,471	2,255	3,931	3,735	11,392	25.68
Idared	1,293	57	—	—	1,350	3.04
Golden Delicious	355	42	184	376	957	2.16
Northern Spy	499	73	1,206	2,908	4,686	10.56
Other Varieties	538	135	3,021	271	3,965	8.94
TOTAL	7,797	6,254	15,963	14,351	44,365	100.00
Age Group as a % of Total Trees	17.57	14.10	35.98	32.35	100.00	

**TABLE XIII (B) Number of Apple Trees on EM 9 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	50	184	—	513	747	2.50
Early McIntosh	—	—	—	30	30	0.10
McIntosh	5,045	506	2,042	3,725	11,318	37.88
Spartan	1,289	—	—	—	1,289	4.31
Cortland	25	—	—	—	25	0.08
Empire	400	—	—	1,555	1,955	6.54
Delicious	7,004	507	158	657	8,326	27.86
Idared	380	—	—	—	380	1.27
Golden Delicious	100	—	—	—	100	0.34
Northern Spy	3,027	1,350	20	461	4,858	16.26
Other Varieties	535	—	34	284	853	2.86
TOTAL	17,855	2,547	2,254	7,225	29,881	100.00
Age Group as a % of Total Trees	59.75	8.53	7.54	24.18	100.00	

**TABLE XIII (C) Number of Apple Trees on EM 26 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	398	70	—	—	468	0.59
Early McIntosh	316	300	—	—	616	0.78
McIntosh	20,435	1,834	—	—	22,269	28.12
Spartan	9,770	—	—	—	9,770	12.34
Cortland	966	—	—	—	966	1.22
Empire	4,986	31	—	—	5,017	6.33
Delicious	15,681	1,169	—	—	16,850	21.27
Idared	5,573	—	—	—	5,573	7.04
Golden Delicious	453	30	—	—	483	0.61
Northern Spy	5,435	300	—	—	5,735	7.24
Other Varieties	10,141	1,309	—	—	11,450	14.46
TOTAL	74,154	5,043	—	—	79,197	100.00
Age Group as a % of Total Trees	93.63	6.37	—	—	100.00	

**TABLE XIII (D) Number of Apple Trees on MM 104 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	35	30	—	—	65	7.81
McIntosh	—	—	—	—	—	—
Spartan	140	80	—	—	220	26.44
Delicious	—	407	—	—	407	48.92
Idared	—	60	—	—	60	7.21
Other Varieties	80	—	—	—	80	9.62
TOTAL	255	577	—	—	832	100.00
Age Group as a % of Total Trees	30.65	69.35	—	—	100.00	

**TABLE XIII (E) Number of Apple Trees on MM 106 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	192	125	—	—	317	0.49
Early McIntosh	181	—	—	—	181	0.28
McIntosh	9,709	7,632	1,940	2,244	21,525	33.30
Spartan	2,468	2,130	—	—	4,598	7.11
Cortland	402	128	—	—	530	0.82
Empire	2,510	10	—	—	2,520	3.90
Delicious	14,229	5,090	84	—	19,403	30.02
Idared	6,387	2,582	—	—	8,969	13.88
Golden Delicious	495	364	—	—	859	1.33
Northern Spy	1,195	1,200	—	—	2,395	3.71
Other Varieties	2,419	913	—	—	3,332	5.16
TOTAL	40,187	20,174	2,024	2,244	64,629	100.00
Age Group as a % of Total Trees	62.18	31.22	3.13	3.47	100.00	

**TABLE XIII (F) Number of Apple Trees on MM 111 Rootstock in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	100	—	—	—	100	1.35
Early McIntosh	25	60	—	—	85	1.15
McIntosh	414	754	—	—	1,168	15.73
Spartan	370	—	—	—	370	4.98
Cortland	11	24	—	—	35	0.47
Empire	11	—	—	—	11	0.15
Delicious	750	1,484	—	—	2,234	30.10
Idared	2,354	470	—	—	2,824	38.04
Golden Delicious	85	—	—	—	85	1.15
Northern Spy	—	72	—	—	72	0.97
Other Varieties	407	32	—	—	439	5.91
TOTAL	4,527	2,896	—	—	7,423	100.00
Age Group as a % of Total Trees	60.99	39.01	—	—	100.00	

**TABLE XIII (G) Number of Apple Trees on Other Rootstocks in the Eastern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	26	182	17	—	225	1.12
Early McIntosh	1,089	245	—	—	1,334	6.62
McIntosh	2,485	2,409	1,034	100	6,028	29.91
Spartan	340	69	—	50	459	2.28
Cortland	121	37	250	—	408	2.03
Delicious	2,734	1,137	574	305	4,750	23.57
Idared	700	68	—	—	768	3.81
Golden Delicious	50	66	6	13	135	0.67
Northern Spy	537	382	117	—	1,036	5.14
Other Varieties	2,699	1,985	294	30	5,008	24.85
TOTAL	10,781	6,580	2,292	498	20,151	100.00
Age Group as a % of Total Trees	53.50	32.65	11.38	2.47	100.00	

**TABLE XIV Number of Apple Trees on EM 2 Rootstock in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	—	60	—	60	0.34
McIntosh	1,507	2,469	2,881	1,376	8,233	47.20
Spartan	—	150	—	—	150	0.86
Cortland	52	370	75	50	547	3.14
Delicious	548	805	1,816	75	3,244	18.60
Idared	426	—	—	—	426	2.44
Northern Spy	100	1,316	1,010	590	3,016	17.29
Other Varieties	376	823	519	50	1,768	10.13
TOTAL	3,009	5,933	6,361	2,141	17,444	100.00
Age Group as a % of Total Trees	17.25	34.01	36.47	12.27	100.00	

**TABLE XIV (A) Number of Apple Trees on EM 7 Rootstock in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	128	800	—	928	3.43
Early McIntosh	300	103	1,200	—	1,603	5.93
McIntosh	732	548	3,963	4,047	9,290	34.36
Spartan	812	—	25	—	837	3.10
Cortland	218	712	—	—	930	3.44
Delicious	—	431	1,434	193	2,058	7.61
Idared	480	65	500	—	1,045	3.87
Golden Delicious	100	373	60	—	533	1.97
Northern Spy	1,586	499	2,745	3,250	8,080	29.89
Other Varieties	1,050	69	610	—	1,729	6.40
TOTAL	5,278	2,928	11,337	7,490	27,033	100.00

Age Group as a % of Total Trees	19.52	10.83	41.94	27.71	100.00
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**TABLE XIV (B) Number of Apple Trees on EM 9 Rootstock in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Early McIntosh	—	35	—	—	35	0.47
McIntosh	162	75	298	—	535	7.18
Cortland	—	—	—	200	200	2.68
Delicious	4,152	11	755	500	5,418	72.70
Golden Delicious	—	10	20	—	30	0.40
Northern Spy	—	—	—	25	25	0.34
Other Varieties	—	1,210	—	—	1,210	16.23
TOTAL	4,314	1,341	1,073	725	7,453	100.00

Age Group as a % of Total Trees	57.88	17.99	14.40	9.73	100.00
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**TABLE XIV (C) Number of Apple Trees on EM 26 Rootstock in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	3,620	—	—	—	3,620	7.71
Early McIntosh	988	—	—	—	988	2.11
McIntosh	8,754	25	—	—	8,779	18.70
Spartan	9,739	—	—	—	9,739	20.75
Cortland	285	—	—	—	285	0.61
Empire	260	—	—	—	260	0.55
Delicious	11,635	75	—	—	11,710	24.94
Idared	1,286	—	—	—	1,286	2.74
Golden Delicious	600	—	—	—	600	1.28
Northern Spy	6,273	—	—	—	6,273	13.36
Other Varieties	3,405	—	—	—	3,405	7.25
TOTAL	46,845	100	—	—	46,945	100.00

Age Group as a % of Total Trees	99.79	0.21	—	—	100.00
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**TABLE XIV (D) Number of Apple Trees on MM 106 Rootstock in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	1	—	40	—	41	0.09
Early McIntosh	938	280	—	—	1,218	2.54
McIntosh	6,813	4,719	3,230	14	14,776	30.84
Spartan	2,241	675	—	150	3,066	6.40
Cortland	661	687	—	—	1,348	2.81
Empire	141	—	—	—	141	0.30
Delicious	3,194	885	1,148	—	5,227	10.91
Idared	2,078	360	—	50	2,488	5.19
Golden Delicious	452	202	112	100	866	1.81
Northern Spy	3,410	6,471	1,450	—	11,331	23.65
Other Varieties	4,461	1,501	372	1,075	7,409	15.46
TOTAL	24,390	15,780	6,352	1,389	47,911	100.00
Age Group as a % of Total Trees	50.91	32.93	13.26	2.90	100.00	

**TABLE XIV (E) Number of Apple Trees on MM 111 Rootstock in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
McIntosh	208	278	63	—	549	9.37
Empire	97	—	—	—	97	1.65
Delicious	907	—	—	—	907	15.48
Idared	208	—	—	—	208	3.55
Golden Delicious	—	1,800	—	—	1,800	30.71
Northern Spy	—	130	—	—	130	2.22
Other Varieties	742	1,387	41	—	2,170	37.02
TOTAL	2,162	3,595	104	—	5,861	100.00
Age Group as a % of Total Trees	36.89	61.34	1.77	—	100.00	

**TABLE XIV (F) Number of Apple Trees on Other Rootstocks in the Georgian Bay District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	3	—	—	3	0.01
Early McIntosh	35	50	230	—	315	1.40
McIntosh	3,644	2,290	3,642	—	9,576	42.43
Spartan	39	418	—	—	457	2.02
Cortland	50	5	14	—	69	0.30
Delicious	1,857	838	2,175	—	4,870	21.58
Golden Delicious	10	972	80	—	1,062	4.71
Northern Spy	1,315	1,149	1,180	—	3,644	16.15
Other Varieties	8	676	1,388	500	2,572	11.40
TOTAL	6,958	6,401	8,709	500	22,568	100.00
Age Group as a % of Total Trees	30.83	28.36	38.59	2.22	100.00	

TABLE XV **Number of Apple Trees on EM 2 Rootstock in the Central Ontario District**
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	484	166	250	10	910	6.58
Early McIntosh	1,267	135	34	—	1,436	10.38
McIntosh	—	1,627	1,013	2,520	5,160	37.30
Spartan	—	160	150	—	310	2.24
Cortland	—	70	104	10	184	1.33
Delicious	560	100	1,374	600	2,634	19.04
Idared	—	331	—	—	331	2.39
Golden Delicious	40	—	—	15	55	0.40
Northern Spy	—	1,565	630	80	2,275	16.44
Other Varieties	85	210	245	—	540	3.90
TOTAL	2,436	4,364	3,800	3,235	13,835	100.00
Age Group as a % of Total Trees	17.61	31.54	27.47	23.38	100.00	

TABLE XV (A) **Number of Apple Trees on EM 7 Rootstock in the Central Ontario District**
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	318	128	196	853	1,495	2.27
Early McIntosh	135	399	220	12	766	1.16
McIntosh	400	5,138	9,111	3,247	17,896	27.19
Spartan	565	3,631	444	40	4,680	7.11
Cortland	405	746	585	670	2,406	3.66
Empire	25	200	—	—	225	0.34
Delicious	6,047	2,060	9,300	1,310	18,717	28.44
Idared	160	858	—	—	1,018	1.55
Golden Delicious	1,115	1,224	6,169	115	8,623	13.10
Northern Spy	911	584	797	1,428	3,720	5.65
Other Varieties	2,678	2,242	596	757	6,273	9.53
TOTAL	12,759	17,210	27,418	8,432	65,819	100.00
Age Group as a % of Total Trees	19.38	26.15	41.66	12.81	100.00	

TABLE XV (B) **Number of Apple Trees on EM 9 Rootstock in the Central Ontario District**
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	186	300	450	936	2.62
Early McIntosh	—	450	50	360	860	2.40
McIntosh	165	700	6,295	2,300	9,460	26.44
Spartan	—	200	1,630	—	1,830	5.11
Cortland	150	—	498	410	1,058	2.96
Empire	220	—	195	—	415	1.16
Delicious	1,266	1,700	4,484	2,900	10,350	28.92
Idared	150	100	—	—	250	0.70
Golden Delicious	900	1,050	2,345	100	4,395	12.28
Northern Spy	400	—	1,340	100	1,840	5.14
Other Varieties	550	2,100	1,091	650	4,391	12.27
TOTAL	3,801	6,486	18,228	7,270	35,785	100.00
Age Group as a % of Total Trees	10.62	18.12	50.94	20.32	100.00	

**TABLE XV (C) Number of Apple Trees on EM 26 Rootstock in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	25	210	—	—	235	0.56
McIntosh	6,325	1,439	—	—	7,764	18.42
Spartan	619	—	—	—	619	1.47
Cortland	747	—	—	—	747	1.77
Empire	1,530	—	—	—	1,530	3.63
Delicious	8,627	3,130	—	—	11,757	27.90
Idared	835	884	—	—	1,719	4.08
Golden Delicious	1,443	26	—	—	1,469	3.49
Northern Spy	5,907	135	200	—	6,242	14.81
Other Varieties	9,256	483	318	—	10,057	23.87
TOTAL	35,314	6,307	518	—	42,139	100.00
Age Group as a % of Total Trees	83.80	14.97	1.23	—	100.00	

**TABLE XV (D) Number of Apple Trees on MM 104 Rootstock in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Delicious	—	91	—	—	91	35.41
Idared	14	128	—	—	142	55.25
Other Varieties	—	24	—	—	24	9.34
TOTAL	14	243	—	—	257	100.00
Age Group as a % of Total Trees	5.45	94.55			100.00	

**TABLE XV (E) Number of Apple Trees on MM 106 Rootstock in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	85	—	—	—	85	0.23
Early McIntosh	—	—	400	—	400	1.09
McIntosh	2,657	4,880	3,200	—	10,737	29.23
Spartan	817	1,170	—	—	1,987	5.41
Cortland	611	—	—	—	611	1.66
Empire	500	—	—	—	500	1.36
Delicious	6,767	2,703	3,246	—	12,716	34.62
Idared	2,104	—	—	—	2,104	5.73
Golden Delicious	706	21	345	—	1,072	2.92
Northern Spy	205	777	—	—	982	2.67
Other Varieties	5,141	396	—	—	5,537	15.08
TOTAL	19,593	9,947	7,191	—	36,731	100.00
Age Group as a % of Total Trees	53.34	27.08	19.58	—	100.00	

**TABLE XV (F) Number of Apple Trees on MM 111 Rootstock in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
McIntosh	480	—	—	—	480	31.11
Spartan	28	—	—	—	28	1.82
Delicious	405	67	—	—	472	30.59
Idared	—	50	—	—	50	3.24
Golden Delicious	113	162	—	—	275	17.82
Northern Spy	100	—	—	—	100	6.48
Other Varieties	100	38	—	—	138	8.94
TOTAL	1,226	317	—	—	1,543	100.00
Age Group as a % of Total Trees	79.46	20.54	—	—	100.00	

**TABLE XV (G) Number of Apple Trees on Other Rootstocks in the Central Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	107	55	2	2	166	1.74
Early McIntosh	—	3	25	4	32	0.34
McIntosh	955	1,051	304	60	2,370	24.88
Spartan	640	30	—	—	670	7.04
Cortland	5	—	—	2	7	0.07
Empire	40	—	—	—	40	0.42
Delicious	1,508	935	141	56	2,640	27.72
Golden Delicious	251	35	50	2	338	3.55
Northern Spy	650	595	140	80	1,465	15.38
Other Varieties	1,532	55	206	3	1,796	18.86
TOTAL	5,688	2,759	868	209	9,524	100.00
Age Group as a % of Total Trees	59.72	28.97	9.11	2.20	100.00	

**TABLE XVI Number of Apple Trees on EM 2 Rootstock in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Early McIntosh	—	—	5	—	5	0.09
McIntosh	—	680	670	550	1,900	33.40
Spartan	—	—	40	100	140	2.46
Cortland	—	340	—	100	440	7.74
Delicious	170	632	54	300	1,156	20.32
Idared	100	—	—	—	100	1.76
Golden Delicious	680	487	20	—	1,187	20.87
Northern Spy	400	—	160	100	660	11.60
Other Varieties	100	—	—	—	100	1.76
TOTAL	1,450	2,139	949	1,150	5,688	100.00
Age Group as a % of Total Trees	25.49	37.61	16.68	20.22	100.00	

**TABLE XVI (A) Number of Apple Trees on EM 7 Rootstock in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	273	45	16	2	336	1.04
Early McIntosh	32	261	4		297	0.92
McIntosh	1,522	1,499	286	6	3,313	10.28
Spartan	286	166	7		459	1.42
Cortland	257	448	100	—	805	2.50
Delicious	8,856	4,695	2,524	121	16,196	50.24
Idared	280	353	135	—	768	2.38
Golden Delicious	1,542	3,088	277	495	5,402	16.76
Northern Spy	246	609	481		1,336	4.14
Other Varieties	866	2,036	336	90	3,328	10.32
TOTAL	14,159	13,200	4,166	714	32,239	100.00
Age Group as a % of Total Trees	43.92	40.94	12.92	2.22	100.00	

**TABLE XVI (B) Number of Apple Trees on EM 9 Rootstock in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	34	270	—	—	304	1.29
McIntosh	431	2,682	700	70	3,883	16.42
Spartan	1,012	1,210	—	—	2,222	9.40
Cortland	400	123	40	5	568	2.40
Delicious	5,605	4,641	1,990	90	12,326	52.13
Idared	339	200	—	—	539	2.28
Golden Delicious	124	962	80	—	1,166	4.93
Northern Spy	15	2,045	70	70	2,200	9.31
Other Varieties	66	186	105	79	436	1.84
TOTAL	8,026	12,319	2,985	314	23,644	100.00
Age Group as a % of Total Trees	33.95	52.10	12.62	1.33	100.00	

**TABLE XVI (C) Number of Apple Trees on EM 26 Rootstock in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	2	—			2	0.01
Early McIntosh	5				5	0.03
McIntosh	2,240	107	—		2,347	14.76
Spartan	2,294	—			2,294	14.43
Cortland	758	14			772	4.86
Empire	367		—		367	2.31
Delicious	4,111	374	—		4,485	28.21
Idared	1,575		—		1,575	9.91
Golden Delicious	1,204	411			1,615	10.16
Northern Spy	587				587	3.69
Other Varieties	1,819	30	—	—	1,849	11.63
TOTAL	14,962	936	—	—	15,898	100.00
Age Group as a % of Total Trees	94.11	5.89			100.00	

TABLE XVI (D) Number of Apple Trees on MM 104 Rootstock in the Niagara District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	30	—	—	30	1.56
Early McIntosh	—	40	—	—	40	2.08
McIntosh	—	160	—	—	160	8.33
Empire	170	—	—	—	170	8.85
Delicious	—	617	200	—	817	42.55
Idared	10	200	—	—	210	10.94
Golden Delicious	—	10	45	—	55	2.87
Northern Spy	2	120	—	—	122	6.36
Other Varieties	—	316	—	—	316	16.46
TOTAL	182	1,493	245	—	1,920	100.00

Age Group as a % of Total Trees	9.48	77.76	12.76	—	100.00
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TABLE XVI (E) Number of Apple Trees on MM 106 Rootstock in the Niagara District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	105	50	—	155	1.20
Early McIntosh	100	77	—	—	177	1.36
McIntosh	741	358	71	—	1,170	9.03
Spartan	879	150	—	—	1,029	7.94
Cortland	64	12	—	—	76	0.59
Empire	50	100	—	—	150	1.16
Delicious	2,501	1,952	367	—	4,820	37.21
Idared	1,025	385	1	—	1,411	10.89
Golden Delicious	137	328	—	—	465	3.59
Northern Spy	336	196	240	—	772	5.96
Other Varieties	1,329	1,230	170	—	2,729	21.07
TOTAL	7,162	4,893	899	—	12,954	100.00

Age Group as a % of Total Trees	55.29	37.77	6.94	—	100.00
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TABLE XVI (F) Number of Apple Trees on MM 111 Rootstock in the Niagara District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Early McIntosh	16	—	—	—	16	0.76
McIntosh	—	186	—	—	186	8.84
Spartan	3	—	—	—	3	0.14
Cortland	21	—	—	—	21	1.00
Empire	113	—	—	—	113	5.37
Delicious	554	537	85	—	1,176	55.89
Idared	24	—	—	—	24	1.14
Golden Delicious	14	15	—	—	29	1.38
Northern Spy	17	64	—	—	81	3.85
Other Varieties	135	320	—	—	455	21.63
TOTAL	897	1,122	85	—	2,104	100.00

Age Group as a % of Total Trees	42.63	53.33	4.04	—	100.00
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**TABLE XVI (G) Number of Apple Trees on Other Rootstocks in the Niagara District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	66	66	1	2	135	1.62
Early McIntosh	15	74	30	—	119	1.42
McIntosh	183	341	6	226	756	9.05
Spartan	33	71	—	—	104	1.25
Cortland	154	113	1	1	269	3.22
Empire	901	—	—	—	901	10.79
Delicious	942	1,746	25	5	2,718	32.55
Idared	114	331	—	—	445	5.33
Golden Delicious	472	362	—	252	1,086	13.01
Northern Spy	317	475	—	376	1,168	13.99
Other Varieties	373	266	3	7	649	7.77
TOTAL	3,570	3,845	66	869	8,350	100.00
Age Group as a % of Total Trees	42.75	46.05	0.79	10.41	100.00	

**TABLE XVII Number of Apple Trees on EM 2 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Early McIntosh	—	8	—	140	148	0.63
McIntosh	—	806	2,186	3,420	6,412	27.06
Spartan	83	208	—	—	291	1.23
Cortland	—	—	—	80	80	0.34
Empire	48	—	—	—	48	0.20
Delicious	51	4,198	963	2,820	8,032	33.90
Idared	150	2,008	788	852	3,798	16.03
Golden Delicious	—	651	150	640	1,441	6.08
Northern Spy	—	729	748	—	1,477	6.23
Other Varieties	140	1,204	392	230	1,966	8.30
TOTAL	472	9,812	5,227	8,182	23,693	100.00
Age Group as a % of Total Trees	1.99	41.41	22.06	34.54	100.00	

**TABLE XVII (A) Number of Apple Trees on EM 7 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	750	642	381	—	1,773	1.86
Early McIntosh	147	402	341	274	1,164	1.22
McIntosh	2,987	11,999	7,327	2,511	24,824	26.00
Spartan	1,186	1,397	484	—	3,067	3.21
Cortland	105	720	33	10	868	0.91
Empire	305	309	—	—	614	0.64
Delicious	8,504	10,902	4,742	2,242	26,390	27.64
Idared	4,142	2,248	384	600	7,374	7.73
Golden Delicious	251	3,617	2,591	622	7,081	7.42
Northern Spy	1,114	3,210	3,357	1,124	8,805	9.22
Other Varieties	3,859	5,758	2,892	996	13,505	14.15
TOTAL	23,350	41,204	22,532	8,379	95,465	100.00
Age Group as a % of Total Trees	24.46	43.16	23.60	8.78	100.00	

**TABLE XVII (B) Number of Apple Trees on EM 9 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	220	1,410	524	588	2,742	6.04
Early McIntosh	100	162	80	—	342	0.75
McIntosh	358	4,170	1,200	1,227	6,955	15.32
Spartan	1,890	400	—	—	2,290	5.04
Cortland	—	—	—	50	50	0.11
Empire	520	—	—	—	520	1.15
Delicious	3,049	3,586	364	1,227	8,226	18.12
Idared	55	—	26	—	81	0.18
Golden Delicious	1,430	7,913	2,560	2	11,905	26.22
Northern Spy	2,664	4,935	900	420	8,919	19.64
Other Varieties	<u>2,017</u>	<u>152</u>	<u>350</u>	<u>855</u>	<u>3,374</u>	<u>7.43</u>
TOTAL	12,303	22,728	6,004	4,369	45,404	100.00
Age Group as a % of Total Trees	27.10	50.06	13.22	9.62	100.00	

**TABLE XVII (C) Number of Apple Trees on EM 26 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	607	560	—	—	1,167	1.10
Early McIntosh	126	—	—	—	126	0.12
McIntosh	18,407	634	—	—	19,041	17.87
Spartan	3,778	1,603	—	—	5,381	5.05
Cortland	1,423	10	—	—	1,433	1.34
Empire	7,883	—	—	—	7,883	7.40
Delicious	24,242	6,281	—	—	30,523	28.65
Idared	12,912	145	—	—	13,057	12.26
Golden Delicious	2,551	21	—	—	2,572	2.41
Northern Spy	4,657	186	—	—	4,843	4.55
Other Varieties	<u>19,072</u>	<u>1,180</u>	<u>250</u>	<u>—</u>	<u>20,502</u>	<u>19.25</u>
TOTAL	95,658	10,620	250	—	106,528	100.00
Age Group as a % of Total Trees	89.80	9.97	0.23	—	100.00	

**TABLE XVII (D) Number of Apple Trees on MM 104 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	—	120	—	—	120	1.45
Early McIntosh	—	234	—	—	234	2.83
McIntosh	128	415	—	—	543	6.57
Spartan	—	1,004	—	—	1,004	12.15
Empire	—	60	—	—	60	0.73
Delicious	268	1,566	441	284	2,559	30.97
Idared	60	1,773	12	—	1,845	22.33
Golden Delicious	9	473	—	—	482	5.83
Northern Spy	—	513	—	—	513	6.21
Other Varieties	50	853	—	—	903	10.93
TOTAL	515	7,011	453	284	8,263	100.00
Age Group as a % of Total Trees	6.23	84.85	5.48	3.44	100.00	

**TABLE XVII (E) Number of Apple Trees on MM 106 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group**

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	431	32	—	—	463	0.36
Early McIntosh	184	263	50	—	497	0.38
McIntosh	12,313	19,442	2,211	150	34,116	26.28
Spartan	4,136	1,588	—	—	5,724	4.41
Cortland	160	60	—	—	220	0.17
Empire	3,392	981	—	—	4,373	3.37
Delicious	23,130	18,374	1,978	206	43,688	33.66
Idared	4,890	3,137	110	100	8,237	6.35
Golden Delicious	1,011	881	213	156	2,261	1.74
Northern Spy	3,412	8,263	108	—	11,783	9.08
Other Varieties	12,415	5,765	249	—	18,429	14.20
TOTAL	65,474	58,786	4,919	612	129,791	100.00
Age Group as a % of Total Trees	50.45	45.29	3.79	0.47	100.00	

TABLE XVII (F) Number of Apple Trees on MM 111 Rootstock in the Southwestern Ontario District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
McIntosh	1,717	1,057	76	—	2,850	11.69
Spartan	35	941	—	—	976	4.00
Empire	92	25	—	—	117	0.48
Delicious	3,969	1,678	313	—	5,960	24.44
Idared	3,799	5,539	—	—	9,338	38.29
Golden Delicious	1,770	659	—	—	2,429	9.96
Northern Spy	950	147	76	—	1,173	4.81
Other Varieties	843	702	—	—	1,545	6.33
TOTAL	13,175	10,748	465	—	24,388	100.00
Age Group as a % of Total Trees	54.02	44.07	1.91	—	100.00	

TABLE XVII (G) Number of Apple Trees on Other Rootstocks in the Southwestern Ontario District
Classified by Variety and Age Group

Variety	1 to 5 yrs	6 to 10 yrs	11 to 16 yrs	17 yrs & over	Total	Variety as a % of Total Trees
Melba	100	150	114	40	404	0.56
Early McIntosh	42	490	38	35	605	0.83
McIntosh	5,146	2,442	1,716	1,346	10,650	14.67
Spartan	3,513	373	50	—	3,936	5.42
Cortland	1,066	130	52	30	1,278	1.76
Empire	1,003	235	100	—	1,338	1.84
Delicious	11,346	4,300	5,525	2,478	23,649	32.57
Idared	1,500	1,431	523	215	3,669	5.05
Golden Delicious	2,492	2,910	1,859	1,209	8,470	11.66
Northern Spy	1,044	412	182	630	2,268	3.12
Other Varieties	4,755	6,600	3,624	1,375	16,354	22.52
TOTAL	32,007	19,473	13,783	7,358	72,621	100.00
Age Group as a % of Total Trees	44.07	26.82	18.98	10.13	100.00	



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